





## **ABSTRACT**

Primary intermediates for hair coloring compositions for oxidative dyeing of hair are compounds of the formula (1):

$$\begin{array}{c} OH \\ (CH_2)_n \\ NH_2 \\ (1) \end{array}$$

wherein  $R_1$  and  $R_2$  are each independently selected from hydrogen atoms, a  $C_1$  to  $C_5$  alkyl or hydroxyalkyl group, or  $R_1$  and  $R_2$  together with the nitrogen atom to which they are attached form a 5 or 6 member cyclic ring optionally containing one or more additional atoms selected from O, N or S atoms, and n is equal to 1 or 2, with the proviso that when n is equal to 2 only one of  $R_1$  and  $R_2$  may be hydrogen.